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**AQUEOUS SOLUTION OF
PHENOLIC COMPOUND/FORMALDEHYDE/AMINOALCOHOL RESIN,
PREPARATION PROCESS, COMPOSITION FOR SIZING MINERAL FIBERS
INCLUDING SAID RESIN AND RESULTING PRODUCTS**

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ABSTRACT

The present invention relates to a liquid resin intended more particularly for the sizing of mineral fibers which exhibits a dilutability in water at 20°C at least equal to 1 000% and a level of free formaldehyde preferably of less than 0.4%, 20 expressed as total weight of liquid, this resin being characterized in that it is composed essentially of condensates obtained from a phenolic compound, from formaldehyde and from an aminoalcohol according to the Mannich reaction.

The invention also relates to a sizing composition including said resin, to the mineral fibers sized by means of this composition and to the products formed from 25 the mineral fibers, in particular for thermal and/or sound insulation.